

APPENDIX B: AMENDMENT TO CLAIMS

1. A contoured structural member, comprising:
[at least one] a plurality of contoured inner layers comprising a metal-containing material;
[at least one] a plurality of contoured outer layers comprising a metal-containing material;
and
at least one intermediate layer having a ribbed structure connecting the at least one inner layer and the at least one outer layer.

4. The structural member of claim [3] 1, wherein the [interior region is hollow, partially filled, or completely filled] plurality of contoured inner layers is formed of a continuous sheet, the plurality of contoured outer layers is formed of a continuous sheet, or the plurality of inner contoured layers and the plurality of contoured outer layers are both formed from continuous sheets.

9. The structural member of claim 1, wherein the metal-containing material in the inner and [portion are] outer layers is the same.

16. A contoured structural member, comprising:
[at least one] a plurality of contoured inner layers comprising a metal-containing material;
[at least one] a plurality of contoured outer layers comprising a metal-containing material;
and
at least one intermediate layer having a honeycomb structure connecting the at least one inner layer and the at least one outer layer.

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17. The structural member of claim 16, [further comprising an interior region defined by an inner surface of the at least one inner layer] wherein the metal-containing material in the inner and outer layers is the same.

18. A contoured structural member, comprising:
[at least one] a plurality of contoured inner layers comprising a metal-containing material;
[at least one] a plurality of contoured outer layers comprising a metal-containing material;
and
at least one intermediate layer having a honeycomb structure connecting the at least one inner layer and the at least one outer layer; and
an interior region defined by an inner surface of the at least one inner layer.

19. A closed, contoured structural member, comprising:
[at least one] a plurality of contoured inner layers comprising a metal-containing material;
[at least one] a plurality of contoured outer layers comprising a metal-containing material;
and
at least one intermediate layer having a honeycomb structure connecting the at least one inner layer and the at least one outer layer; and
an interior region defined by an inner surface of the at least one inner layer.

20. A closed, contoured structural member, comprising:
[at least one] a plurality of contoured inner layers comprising a metal-containing material;
[at least one] a plurality of contoured outer layers comprising a metal-containing material;
and
at least one intermediate layer having a honeycomb structure being substantially contiguous with the at least one inner layer and the at least one outer layer; and

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an interior region defined by an inner surface of the at least one inner layer.

21. A method for making a contoured structural member, comprising:

[providing] roll wrapping at least one inner layer comprising a metal-containing material
over a substrate;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

[providing] roll wrapping at least one outer layer over the at least one intermediate layer, the at least one outer layer comprising a metal-containing material; and

connecting the at least one inner and outer layer to the at least one intermediate layer.

22. The method of claim 21, including [providing the at least one inner layer by roll wrapping the at least one inner layer over a substrate] wherein the at least one inner layer comprises a plurality of layers.

23. The method of claim 22, including [providing the at least one outer layer by roll wrapping the at least one outer layer over the at least one intermediate layer] wherein the at least one outer layer comprises a plurality of layers.

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